

51-15-0000

Project Tracking #

BOREHOLE BACKFILL DATA SHEET

Borehole/Sounding completion Date:

10-27-2015

Sealing/Backfill Date:

PROJECT INFORMATION

JOSE VALENCIA

Signature 10-27-15

LAUREL JENSEN 916-555-1212

Drilling Leadworker/CPT Technician Printed Name / Signature Date Signed Drilling Services/GIB Branch Chief Name/Initial Phone No.

Declaration of Seal Verification: I confirm I have installed seals in accordance with the California Water Code, Local Enforcement Agency requirements and Geotechnical Services Directive GS-01 in order to protect the subsurface environment and that our work was done conscientiously to the best of my ability.

District

County

Route

Post Mile

07

LA

5

1.0

0700000000 ALONDRA O.C. CHRIS HARRIS CPH CHI-TSENG LIU

Project I.D. Project Name On-Site Geoprofessional or Consultant Printed Name / Initial Design Branch Chief Name/Initial

LOS ANGELES COUNTY
PUBLIC HEALTH
ENVIRONMENTAL HEALTH

LEA Inspector: B. LARSEN

LEA Phone No.: 626-430-5420

Did the LEA perform an inspection?

C-57 Work?

C-57 License No.: 909719

☐ Yes☒ No☒ Yes☐ No

Drilling/Push:

Boring Number: A-15-001 Depth to Groundwater (ft): 25.0 ☐ GW not encounteredBoring Type: ☐ CPT ☐ Mud Rotary ☒ Hollow Stem Augers Other: _____Hole diameter: 8.0 (in) Total Depth: 40.9 (ft) ☒ Vertical Inclined: _____ (degrees)Slope Inclinator Installed? ☐ Yes ☒ No Length: _____ (ft) Diameter: _____ (in) ☐ Annulus grout ☐ Inside groutGeophysical pipe installed? ☐ Yes ☒ No Length: _____ (ft) Diameter: _____ (in) ☐ Annulus grout ☐ Inside grout

Sealing Materials:

Sealed full depth? ☒ Yes ☐ No If no, sealing interval: From: _____ (ft bgs²) To: _____ (ft bgs)

Proportions used: 6.0 gallons of water per 94# sack of cement 0 % Bentonite (if allowed)

Calculated Grout Volume³: 104.4 (gallons) Actual Grout Volume: 105.0 (gallons)Bentonite Chips: diameter: _____ (in) Calculated bags needed⁴: _____ Actual bags used: _____

Placement:

From Surface: ☐ or Tremie: ☒ PVC Flush Thread: ☒ or Drill Steel: ☐ Diameter: 1.0 (in)

Revisit Site for Settlement:

Date of Visit: 10-28-2015 Checked by: C. HARRIS

Settlement: 3.0 (ft)

Backfill date: 10-28-2015

Topped off with: Clean Fill ☐ Grout ☒ Bentonite Chips ☐

Backfilled by: J. VALENCIA

Quantity: 8.0 GALLONS

Comments:

10-28-2015 OBSERVED 3.0 FEET OF SETTLEMENT. CALCULATED
 $8.0\text{ in} \times 8.0\text{ in} \times 3.0\text{ feet} \times 0.0408 = 7.83\text{ GALLONS}$. J. VALENCIA +
 CREW PLACED 8.0 GALLONS OF 6.0 gal/94# SACK GROUT TO
 TOP OFF.

Directions:

This form is to be completed for each borehole and sounding by the individual logging the boring/sounding or the CPT Technician. This form is to be archived on GeoDOG by the Design Branch Chief or Geotechnical Instrumentation Branch Chief.

¹ If a Slope Inclinator was installed and it has drilled holes or slots to measure water, then it is a Stand Pipe Piezometer then Well Completion Report is required instead of a BBDS.

² BGS means Below Ground Surface

³ hole dia 8.0 (in) times hole dia 8.0 (in) times total depth 40.9 (ft) times 0.0408 = 104.4 gallons of grout

⁴ See the information on the back of the Bentonite Chip bag

Revised 10/20/15